



Sarvajanik Education Society
Sarvajanik College of Engineering & Technology
Towards progressive civilization...



COIN 2022

(30th Sept – 1st Oct)

Organized by

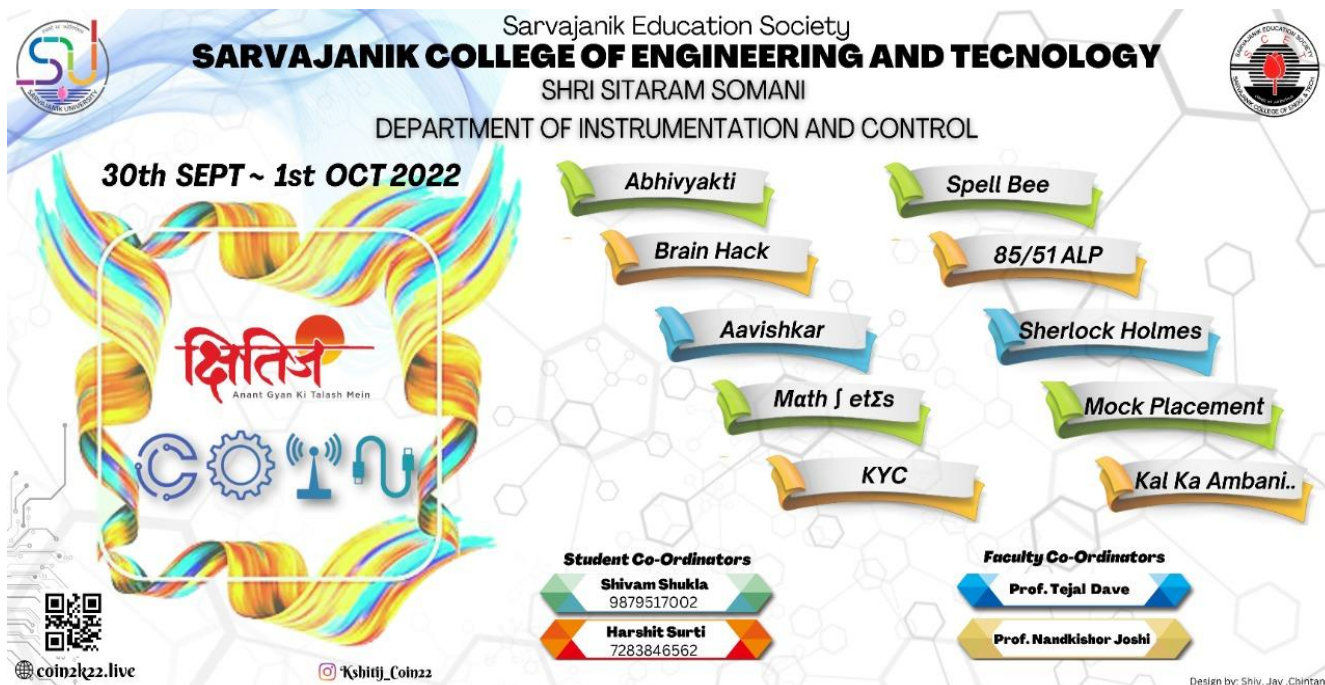
INSTRUMENTATION AND CONTROL DEPARTMENT

UNDER THE BANNER OF



KSHITIJ





- Date of the event: 30th Sept – 1st Oct, 2022
- Faculty coordinator: Prof. Tejal Dave and Prof. Nandkishor Joshi

Student coordinator: Shivam Shukla and Harshit Surti

- COIN 2022 was held under KSHITIJ- a State level Tech Fest which has been providing a podium to showcase and enhance the technical skills of the innovative engineering minds since last 16 years.
- COIN, a departmental event of Instrumentation and Control Department is conducted annually by the students of the department under the guidance of the faculty members in order to enhance the event management, communication and leadership skills of the students.



- This year COIN consisted of various technical and non-technical events and had a participation of total 446 students from various departments and colleges.

COIN 2022 was divided into two main categories of events:

➤ TECHNICAL EVENTS

- KYC-Know your circuit
- MathJetΣs
- Brain Hack
- 85/51 ALP
- Aavishkar
- Abhivyakti

➤ NON-TECHINICAL EVENTS

- Mock placement
- Sherlock Holmes
- Kal Ka Ambani...
- Spell Bee

- Like every year, COIN 2022 started off with all the zeal and zest. The fest began with the inauguration ceremony wherein Chief guest Mr. Ashok Pansara, Guest of Honor Mr. Divyesh Bhagvatiwala, all the faculty members, student coordinators, event heads and volunteers were present to take the blessing of the god.





SCHEDULE OF COIN-2022

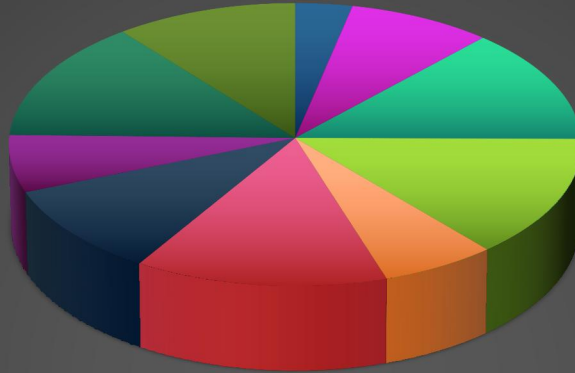
DAY 1 30.09.2022

TIMING	9.30-10.30	10.30-11.30	11.30-12.15	12.15-12.45	1.30-2.00	2.00-2.30	2.30-3.00	3.00-4.00
EVENTS	INAUGURATION (III cell)	Abhivryakti (III cell)	MOCK PLACEMENT (G204)	KYC (J105)	Spell Bee (G204)	Kal Ka Ambani (J105)	85/81 ALP (G204)	Sherlock Holmes (III Cell)
		Sherlock Holmes (G204)	Kal Ka Ambani (J105)	Brain Hack (G204)	MOCK PLACEMENT (III Cell)			
		Mathlets (J105)		Mathlets (III cell)		Aavishkar (Embedded lab)		

DAY 2 01.10.2022

TIMING	9.30-10.30	10.30-11.30	11.30-12.15	12.15-12.45	1.30-2.00	2.00-2.30	2.30-3.00	3.00-4.00
EVENTS	MOCK PLACEMENT (III cell)	KYC (G204)	Spell Bee (G204)	KYC (Advanced control lab)	Leisure Time (III cell)			
	Brain Hack (Advanced control lab)	Kal ka Ambani (Advanced control lab)		85/81 ALP (Embedded lab)				
		Sherlock Holmes (III cell)						

TOTAL PARTICIPATION IN COIN



- Abhivyakti(Paper Presentation)
- KYC(Know Your Circuit)
- Mock Placement
- Math-lets
- 85/81 ALP
- Sherlock Holmes
- Brainhack
- Avishkar
- Kal Ka Ambani
- Spell Bee

ABHIVYAKTI

- Abhivyakti: - An event that strengthens the presentation skills. It provided students a platform to show their soft skills and knowledge on given topics. It also made them confident about themselves.
- Various topics were given beforehand and the participants had to prepare a presentation (10 to 12 slides) expressing their ideas and views. The time limit for the presentation was approx. 10 minutes.

TOPICS:

- 1.NFTs
- 2.Data Security and privacy
- 3.Blockchain
- 4.Autonomous car
- 5.Internet of Things
- 6.Invisible Eye/Smart Eye Technology

- This event had participation of 8 teams in groups of two.



MOCK PLACEMENT

Round 1- (APTITUDE TEST)

- The total of 59 participants appeared in the aptitude test based on mathematical, reasoning and technical competencies. The test consisted of 25 questions which were to be solved in 30 minutes.

Round 2- (GROUP DISCUSSION)

- In this round, a contemporary topic was provided. Selected 10 participants from round 1 had a group discussion on a given topic. The aim of this round was to assess the thinking capability, articulating skills and communication competency of the candidate.

Round 3- (HR-TECH VIS-A-VIS)

- 5 participants that had cleared round 2 were interviewed. HR and Technical Interviews were conducted separately by Ms. Stuti Agrawal.

Winner: -

Naman Sankhluha



KNOW YOUR CIRCUIT

- KYC was an event beautifully sketched for all the aficionados who are inclined towards transcending into the field of circuitry. It was a technical event which consisted of 3 rounds. 31 teams had participated in this event in groups of two.

Round 1- (Quiz)

- First round had quiz of basic circuit questions. 30 minutes were given for solving the questions.

Round 2- (Logic ka Magic)

- In this round, questions were asked based on digital electronics and logic gates. 10 teams were selected for round 2.

Round 3- (Surprise Round)

- This round included circuit implementation with some twist and 30 minutes were given for the same.

Winners: -

**1st - Parthiv Ijardar &
Krupal Contractor**

**2nd - Shiv Patel &
Chintan Baraiya**

**3rd - Shivam Vyas &
Dhairya Pathak**



MαTHJETS

- It was an event for math enthusiasts containing a quiz followed by a buzzer round. It was a technical event of 2 rounds-

Round 1- **(Test your skills)**

- In 1st round there were total 30 questions on basic engineering mathematics and 30 minutes were given to solve those questions. We had 61 participants in total.

Round 2- **(MathJETS shorts challenge)**

- 2nd round was Buzzer round there were total 30 questions on basic engineering mathematics.
- 5 groups were selected for 2nd round.

Winners: -

- **Kishan Baldaniya**
- **Shreyans Gabani**



85/51 ALP

- “Real programmers can write assembly code in any language”
- Microcontrollers are little bits of awesomeness that allow us to do some seriously cool things. That's why we had organized this 85/51 ALP event in order to test student's basic controller knowledge and programming skills.

ROUND 1 : Quiz Event

- In 1st round Quiz was there (30 MCQ based on basic knowledge of 8085 and 8051 and time limit - 30min) & cutoff was decided based on student performance and difficulty level of paper. We had 26 participants in total.

ROUND 2 : Implementation of program + simulation

- In 2nd round programing + simulation was there. 5 groups were selected for 2nd round. (Winners were decided based on time and completion of task).

Winners:-

**1st - Parthiv Ijardar &
Krupal Contractor**

2nd - Samarth jadhav

**3rd - Janvi rana
& Shivam Shukla**



AAVISHKAR

- In this event only one round was there in which minimum 3 and maximum 5 could participate in a team. We had 4 groups in total.
- The teams had to make an Arduino based project during the event itself. Participants were requested to come up with innovative ideas.
- Time limit was of 2 hours in which 1 and half hour was allotted for completion of the project and half hour for assessment.

We had provided

1. Arduino board
2. Sensors, Devices (As per requirement)

There were some Rules for participants:

1. On the spot project making
2. Not allowed personal Arduino board.
3. Permissible limit for using sensors and devices is maximum 5 and min 2
4. Can bring your own sensors or devices if required.

Winners: -

Rama Gham, Darshil Gandhi, Kushin Patel, Samarth Jadhav, Jay Patel

The assessment was held by the jury, Prof. Brijesh Naik & Prof. Bhavina Patel



SPELL BEE

- You don't have to have the right answers, you just have to be willing to learn. So, to flaunt your command over English we had organized this exciting event of Spell Bee.
- It was a solo event. We had 47 participants in total.

Round 1: Cast a Spell

- In this round MCQ based test was conducted which included correct spellings, sentence formation and vocabulary
- Based questions. The test was of 30 minutes

Round 2: Spell Bee

- 10 participants were selected for 2nd round.
- 2nd round was a buzzer round, where there were total of 20 words and participants had to spell the word upon pressing the buzzer

Winners: -

1st - Anjali Patel

2nd - Jahnavi seth



Kal Ka Ambani...

- Here comes the most Authentic and Challenging Event KAL KA AMBANI
- A Successful business requires one simple thing, "PASSION"
- It was a solo event. We had 62 participants in total.

Round 1: Mock Test

- In this round 30 MCQ related to advertisement were there and participants had to determine the company name.
- 30 minutes were given for solving the questions.

Round 2: The Clever seller

- 20 participants were selected for 2nd round
- -In this round selected participant had to sell the chocolate

Round 3: Surprise round

- 10 participants were selected for 3rd round
- In this round selected participant had to give good Tag line for a chocolate.

Winners:

1st - Ayush Patel

2nd - Sangam Jena

3rd - Brijesh Vadoliya

These winners were decided by the jury, Ms. Sweksha Singh, Ms. Kruti desai & Ms. Payal Gamit



BRAIN HACK

- It was solo event. We had 45 participants in total.

Round 1: Quiz

- In round 1 there was a Quiz, based on related programming problems & 30 minutes were given for solving the questions.

Round 2: Debugging

- Round 2 was practical Event on solving bugged programs in C or Python. 45 minutes were given for solving the problems.

Winners: -

1st - Nilay Thakkar

2nd -Shrey Solanki

3rd -Shivam Vyas



SHERLOCK HOLMES

“Let’s dig out some unknown truths So let's jump in the journey of adventure where you will unveil your dark truths, become Sherlock Holmes & reveal the imposter in the house”

- In this event 3 rounds were there in which 8 groups of 5 members could participate in a team.
- We had 61 participants in total

Round 1: true confessions

- About round: Take a guess about their life confession.
- There was competition between two groups
- All individual had to write their life instances (1 true and 2 false) in a chit and toss it up in a bowl.
- These two individuals whose chits were selected had to take a guess what is true and what is a hoax.

ROUND 2: MURDER MYSTERY

- About round: Solve the murder mystery or riddles.
- It was an adventurous event where you use intellectuality to investigate the suspense.
- It was an investigation of a suspect story.
- Participants had to investigate the story and with the help of clues find the criminal.

Round 3: KILLER THRILLER

- About round: Find the killer among us.
- In this event each of the participant had been given a character of different role.
- The time would be given to each of the participants in that time they had to ask question to each other.

Winners: -

1st - Kushin Patel

2nd - Vishva Desai

3rd - Siddharth Nair



TEAM COIN



ACKNOWLEDGEMENT

- We the team COIN would like to acknowledge and thank the Head of the Department, faculty coordinators, student coordinators, event heads, volunteers and all the staff members for organizing the event with combined efforts and vision.
- We also express our heartfelt gratitude to the enthusiastic students who participated in this fest. Without the enthusiastic support from Content writing Team, Documentation Team, Registration Team and the Marketing Team, this event won't have been a huge success.
- We would also like to thank Dr. Hiren Patel, Principal, SCET for his support. We would like extend our gratitude Prof. Dr.Utpal Pandya, HOD-Instrumentation and Control engineering, Prof. Tejal Dave and Prof. Nandkishor Joshi for their constant support and encouragement and providing opportunity to organize this event. We also thank DEAN of SAWC, Prof. Dr Keyur Rana for the kind motivation, guidance and support.